

What is claimed is:

1. An apparatus comprising:

a vehicle window including a first window side and a second window side opposite the first window side, the window including an optical center;

a plurality of grooves defined by the first window side, the grooves having a positioning about the optical center, the grooves having a number of dimensions including a depth and a width, the grooves defining surfaces effective to redirect light that passes through said window;

wherein at least one dimension of the grooves is varied about the optical center effective to provide a plurality of angles of light redirection about the optical center.

2. The vehicle window of claim 1 wherein the positioning of the grooves about the optical center is concentric.

3. The vehicle window of claim 2 wherein the concentric positioning of the grooves about the optical center is substantially circular.

4. The vehicle window of claim 1 wherein the at least one dimension of the grooves being varied about the optical center includes the depth of the grooves being varied about the optical center.

5. The vehicle window of claim 1 wherein the at least one dimension of the grooves being varied about the optical center includes the width of the grooves being varied about the optical center.

6. The vehicle window of claim 1 wherein the at least one dimension of the grooves being varied about the optical center includes substantially continuous variation.

7. The vehicle window of claim 1 wherein the second window side is exposed to the exterior of a vehicle.

8. The vehicle window of claim 1 wherein the optical center of the vehicle window is offset from the geometric center of the vehicle window.
9. An apparatus comprising:
 - a window for a vehicle door including a first window side and a second window side, the window including an optical center;
 - a plurality of ridges defined by the first window side, the ridges having a positioning about the optical center, the ridges having a number of dimensions including a height and a pitch, the ridges defining surfaces effective to redirect light that passes through said window;
 - wherein at least one dimension of the ridges is varied about the optical center effective to provide a plurality of angles of light redirection about the optical center.
10. The vehicle window of claim 9 wherein the positioning of the ridges is concentric.
11. The vehicle window of claim 10 wherein the concentric positioning of the ridges is non-circular.
12. The vehicle window of claim 8 wherein the at least one dimension of the ridges being varied about the optical center includes the height of the ridges being varied about the optical center.
13. The vehicle window of claim 8 wherein the at least one dimension of the ridges being varied about the optical center includes the pitch of the ridges being varied about the optical center.
14. The vehicle window of claim 8 wherein the at least one dimension of the ridges being varied about the optical center includes substantially continuous variation.
15. The vehicle window of claim 8 wherein the second window side faces the exterior of a vehicle.
16. The vehicle window of claim 8 wherein the optical center of the window is different from the geometric center of the window.

17. An apparatus comprising:

a vehicle porthole window including a first window side and a second window side, the window including a center;

a plurality of grooves defined by the first window side, the grooves having a positioning about the center, the grooves having a number of dimensions including a depth and a width, the grooves defining fresnel optical surfaces effective to redirect light that passes through said window;

wherein at least one dimension of the grooves being substantially continuously varied about the optical center effective to provide a plurality of angles of light redirection about the optical center.

18. The window of claim 17 wherein the at least one dimension of the grooves being

substantially continuously varied about the optical center includes the depth of the grooves being substantially continuously varied about the optical center.

19. The window of claim 17 wherein the at least one dimension of the grooves being

substantially continuously varied about the optical center includes the width of the grooves being substantially continuously varied about the optical center.

20. The window of claim 17 further comprising a gasket disposed intermediate the window and the porthole, the gasket forming a seal between the vehicle and the window.

21. The window of claim 17 wherein the window is installed in a porthole defined in the door of a vehicle.